

# AMD CPU Transition

		2008				2009				2010		2011
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	1H	2H	
Server & Workstation	MP/DP Server & Workstation	Opteron 83xx (Barcelona) 4-Core, 4MB, DDR2				Opteron 83xx (Shanghai) 4-Core, 8MB, DDR2			Istanbul 6-Core, 9MB, DDR2	Magny-Cours 12-Core, 18MB, DDR3		Sandtiger DDR3
	UP Server & Workstation	Opteron 23xx (Barcelona) 4-Core, 4MB, DDR2				Opteron 23xx (Shanghai) 4-Core, 8MB, DDR2				Sao-Paulo 8-Core, 16MB, DDR3		
Desktop PC	Enthusiast Desktop	Phenom 9xxx (Agena) 4-Core, 4MB, DDR2	Phenom X4 (Agena) 4-Core, 4MB, DDR2			Phenom II X4 (Deneb) 4-Core, 6/8MB, DDR2/3						Orochi >4-Core, >8MB, DDR3
	Mainstream Desktop		Phenom X3 (Toliman) 3-Core, 3.5MB, DDR2			Phenom II X3 (Heka) 3-Core, 7.5MB, DDR2/3						Llano 4-Core, 4MB, DDR3 GPU Core
	Value Desktop	Athlon X2 (Brisbane) 2-Core, 1MB, DDR2			Athlon X2 7xxx (Kuma) 2-Core, 3MB, DDR2		Athlon X4 (Propus) 4-Core, 2MB, DDR2/3		Athlon X3 4xx (Rana) 3-Core, 1.5MB, DDR2/3	Athlon X2 2xx (Regor) 2-Core, 2MB, DDR2/3		
Notebook PC	Mainstream Notebook			Turion Ultra (Lion-Griffin) 2-Core, 2MB, DDR2						Caspian 2-Core, 2MB, DDR2	Champlain 4-Core, 2MB, DDR3	Llano 4-Core, 4MB, DDR3 GPU Core
	Value Notebook			Turion RM (Lion-Griffin) 2-Core, 1MB, DDR2								
	Ultraportable Notebook			Athlon QL (Lion-Griffin) 2-Core, 1MB, DDR2								
	Mini-Notebook			Sempron SI (Sable-Griffin) 1-Core, 512KB, DDR2								
						Sempron 2xx (Huron) 1-Core, 256KB, DDR2			Conesus 2-Core, 1MB, DDR2		Geneva 2-Core, 2MB, DDR3	Ontario 2-Core, 1MB, DDR3, GPU Core

